EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	10	"100962".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/19 13:24
L2	7	"110310".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/19 13:36
L3	2	("6167105").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/19 13:53
L4	2	("20030012329").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/19 13:54
L5	2932	(376/434,435,436,437,438,439,440,441,442,443,444,462).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/19 13:59
L6	217	5 and (inner interior inside) near20 (exterior peripheral outside outer) near20 (strip strap spring support$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/19 14:01

L7	10	5 and (inner interior inside) near20 (exterior peripheral outside outer) near20 (strip strap spring support$3) and (equi$1angular conformal superficial ((plane planar) near2 contact))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/19 14:02
L10	2932	((376/434) or (376/435) or (376/436) or (376/437) or (376/438) or (376/439) or (376/440) or (376/441) or (376/442) or (376/443) or (376/444) or (376/462)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/19 14:06
L11	55	L10 and @pd<"20040206" and (peripheral periphery outer exterior outside) near10 spring near10 (inner interior inside)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/19 14:06
L12	1	((yoon near1 kyung-ho).in. (kang near1 heung-seok).in. (kim near1 hyung-kyu).in. (jung near1 yeon-ho).in. (chun near1 tae-hyun).in. (oh near1 dong-seok).in. (in near1 wang-kee).in. (korea adj atomic adj energy).as.) and @pd<"20040206" and (peripheral periphery outer exterior outside) near10 spring near10 (inner interior inside)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/19 14:11
S1	4	(("4224107") or ("6393087")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/31 09:19
S2	0	("773733.ap.").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/09 15:28
S3	5	"773733".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/09 16:01

S4	2	("6542567").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/09 16:03
S5	6	(("6236702") or ("5139736") or ("4396573")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/09 16:03
S6	6	(US-6236702-$ or US-5139736-$ or US-4396573-$).did. or (KR-99069102-$ or US-5139736-$ or EP-25395-$).did.	USPAT; DERWENT	OR	OFF	2005/12/09 16:05
S7	0	wo-94025965$-$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/09 16:24
S8	1	wo-9425965$-$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/09 16:24
S9	6	(("6236702") or ("5139736") or ("4396573")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/09 16:28
S10	24	(("4,224,107") or ("6,393,087") or ("6,542,567") or ("5,303,276") or ("6,526,116") or ("4,879,090") or ("4,683,115") or ("4,666,663") or ("4,705,663") or ("5,666,389") or ("5,139,736") or ("6,167,105")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/09 16:32
S11	2	("6393087").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/10 22:30

S12	2	S11 and (grid spring)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/10 22:31
S13	0	S11 and (grid adj spring)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/10 22:30
S14	1	S11 and (grid near3 spring)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/10 22:31
S15	1	"20050105677".pn. and "125"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/11 11:52
S16	2	"6393087".pn. and (rod pin)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/11 10:23
S17	2	"6393087".pn. and (coolant flow vane guide)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/11 10:25
S18	2	"6393087".pn. and (coolant flow vane guide tap)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/11 10:26
S19	0	"6393087".pn. and (tap)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/11 10:32

S20	0	"6393087".pn. and ("33")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/11 10:33
S21	0	"6393087".pn. and (switch)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/11 10:33
S22	0	"6393087".pn. and (regulat$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/11 10:33
S23	1	"20050105677".pn. and taper$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/11 12:00
S24	0	"20050105677".pn. and (inner adj grid adj spring)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/11 12:01
S25	2	"20050105677".pn. and (spring)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/11 12:29
S26	2	"20050105677".pn. and (bent bend$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/11 12:48
S27	2	("5303276").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/11 12:48

S28	24	(US-6393087-$ or US-4224107-$ or US-5139736-$ or US-5303276-$ or US-6526116-$ or US-6167105-$ or US-5666389-$ or US-4666663-$ or US-4879090-$ or US-4705663-$ or US-4683115-$).did. or (KR-2001001422-$ or BE-850191-$ or WO-9903108-$ or US-5139736-$ or EP-696377-$ or GB-2272101-$ or KR-99052336-$ or WO-9901873-$ or DE-4438493-$ or DE-3334974-$ or EP-304724-$ or EP-184064-$ or DE-3330850-$).did.	USPAT; DERWENT	OR	OFF	2005/12/11 14:00
S29	0	("(roundrounded)and2").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/11 14:00
S30	6	(round rounded) and S28	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/11 14:00
S31	1196	((376/441) or (376/439) or (376/442) or (376/443) or (376/444) or (376/462)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/12 15:50
S32	2	S31 and (round rounded) near3 (vane tap protrusion)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/11 14:57
S33	2	("4683115").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/11 14:57
S34	2	("4705663").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/11 14:58
S35	4	(("4683115") or ("4705663")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/30 16:32

S36	5	"773733".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/30 16:56
S42	6	(("20030209723") or ("6693302") or ("5889295")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/30 14:18
S44	2	("20050105677").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/30 14:21
S45	2	("6393087").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/30 08:23
S46	32	(US-20050105677-$ or US-20050062134-$ or US-20050087758-$).did. or (US-6393087-$ or US-4224107-$ or US-6236702-$ or US-6542567-$ or US-5139736-$ or US-4396573-$ or US-6526116-$ or US-5666389-$ or US-6167105-$ or US-4683115-$ or US-5303276-$ or US-4879090-$ or US-4705663-$ or US-4666663-$).did. or (KR-2001001422-$ or BE-850191-$ or WO-9903108-$ or KR-99069102-$ or US-5139736-$ or EP-25395-$ or EP-696377-$ or WO-9901873-$ or KR-99052336-$ or GB-2272101-$ or DE-4438493-$ or DE-3334974-$ or EP-304724-$ or DE-3330850-$ or EP-184064-$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/30 14:21
S47	17	support$4 near4 (fuel adj rod) and S46	US-PGPUB; USPAT; DERWENT	OR	ON	2006/08/30 14:24
S48	14	support$4 near4 (fuel adj rod) and (compartment cell) and S46	US-PGPUB; USPAT; DERWENT	OR	ON	2006/08/30 14:57
S49	10	S48 and (bent bend$3)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/08/30 15:03

S50	669	((376/441) or (376/442)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/30 15:04
S51	481	S50 and @ad< "20040206"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/30 15:04
S52	2	("5303276").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/30 18:47
S53	2	("6526116").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/30 18:47
S54	1	conformal and "773733".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/31 09:20
S55	1	(US-20050105677-$).did.	US-PGPUB	OR	OFF	2006/08/31 10:20
S56	1	S55 and "41"	US-PGPUB	OR	OFF	2006/08/31 16:17
S57	125	contact adj spring and spring adj (strength constant)	US-PGPUB	OR	OFF	2006/08/31 16:18
S58	558	contact adj spring and spring adj (strength constant)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/31 16:18

S59	4	contact adj spring and spring adj (strength constant) and "376"/$7.ccls. and nuclear adj fuel adj rod	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 16:20
S60	0	contact adj spring with (spring adj (strength constant)) same peripher$2 and "376"/$7.ccls. and nuclear adj fuel adj rod	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 16:21
S61	0	contact adj spring with (spring adj (strength constant)) same (outer inner peripher$2) and "376"/$7.ccls. and nuclear adj fuel adj rod	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 16:22
S62	0	contact adj spring with (spring adj (strength constant)) same (outside inside outer inner peripher$2) and "376"/$7.ccls. and nuclear adj fuel adj rod	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 16:22
S63	0	contact adj spring with (spring adj (strength constant)) same (outside inside outer inner peripher$2) and "376"/$7.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 16:23
S64	2	spacer adj grid with (spring adj (strength constant)) same (outside inside outer inner peripher$2) and "376"/$7.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 16:24
S65	6	spacer adj grid with (spring adj (strength constant)) and "376"/$7.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 16:25

S66	7	(contact adj spring spacer adj grid) with (spring adj (strength constant)) and "376"/$7.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 16:29
S67	0	(contact adj spring spacer adj grid) with (outside inside) with (stronger weaker) and "376"/$7.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 16:30
S68	0	(contact adj spring spacer adj grid spring adj constant) with (outside inside) with (stronger weaker) and "376"/$7.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 16:39
S69	0	(contact adj spring spacer adj grid spring adj constant) with (peripher$2 internal outside inside) with (stronger weaker) and "376"/$7.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 16:41
S70	116	(contact adj spring spacer adj grid spring adj constant) with (peripher$2 internal outside inside) and "376"/$7.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 16:41
S71	138	(contact adj spring spacer adj grid spring adj constant) with (peripher$2 outside outer) and "376"/$7.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 16:42
S72	38	(contact adj spring spacer adj grid spring adj constant) with (peripher$2 outside outer) with (interior inside inner) and "376"/$7.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 16:42

S73	0	(contact adj spring spacer adj grid spring adj constant) with (peripher$2 outside outer) with (interior inside inner) with (strenght stronger weaker weak) and "376"/$7.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 16:43
S74	4	(contact adj spring spacer adj grid spring adj constant) with (peripher$2 outside outer) with (interior inside inner) with (strength stronger weaker weak) and "376"/$7.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 16:44
S75	38	(contact adj spring spacer adj grid spring adj constant) with (peripher$2 outside outer) with (interior inside inner) and "376"/$7.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 16:46
S76	38	(contact adj spring spacer adj grid spring adj constant grid adj spring) with (peripher$2 outside outer) with (interior inside inner) and "376"/$7.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 16:53
S77	103	spring adj (constant strength) and "376"/$7.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 17:17
S78	603	(376/442).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/31 17:26
S79	0	("24andspringnear1(strengthconstant)").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/31 17:27

S80	25	S78 and (spring near1 (strength constant))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 17:35
S81	32	S78 and (spring near1 (strength constant stiffness))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 17:36
S82	11	S78 and (spring near1 (strength constant stiffness)).ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 17:36
S83	68	(US-20050105677-$ or US-20050087758-$ or US-20050062134-$ or US-20030215049-$).did. or (US-5303276-$ or US-6526116-$ or US-4224107-$ or US-6393087-$ or US-6542567-$ or US-6236702-$ or US-4396573-$ or US-5139736-$ or US-4879090-$ or US-6167105-$ or US-5666389-$ or US-4683115-$ or US-4705663-$ or US-4666663-$ or US-5577081-$ or US-5188798-$ or US-5035853-$ or US-5024807-$ or US-4885127-$ or US-5209899-$ or US-6744843-$ or US-6744842-$ or US-6728329-$ or US-6707872-$ or US-6650723-$ or US-6608881-$).did. or (US-6522710-$ or US-6519309-$ or US-6421407-$ or US-6400788-$ or US-6272197-$ or US-6144716-$ or US-6088420-$ or US-5875223-$ or US-5740218-$ or US-5638416-$ or US-5625657-$ or US-5546437-$ or US-5493590-$ or US-5444748-$ or US-5440599-$ or US-5434898-$ or US-5420902-$ or US-5371769-$ or US-5367549-$ or US-5363422-$ or US-5361288-$ or US-6310932-$ or US-3886038-$).did. or (GB-2272101-$ or WO-9901873-$ or KR-2001001422-$ or BE-850191-$ or WO-9903108-$ or US-5139736-$ or KR-99069102-$ or EP-696377-$ or EP-25395-$ or KR-99052336-$ or EP-184064-$ or DE-4438493-$ or DE-3334974-$ or EP-304724-$ or DE-3330850-$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/31 17:39
S84	3	S83 and spring near2 (constant stiffness strength).clm.	US-PGPUB; USPAT; DERWENT	OR	ON	2006/08/31 17:41
S85	15	S83 and spring near2 (constant stiffness strength)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/08/31 17:41
S86	17	S83 and spring near2 (strong$3 constant stiffness strength)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/08/31 17:41

S87	17	S83 and spring near2 (weak$3 strong$3 constant stiffness strength)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/08/31 17:43
S88	0	spring near2 (weak$3 strong$3 constant stiffness strength) and spacer adj graid	US-PGPUB; USPAT; DERWENT	OR	ON	2006/08/31 17:43
S89	59	spring near2 (weak$3 strong$3 constant stiffness strength) and (grid adj spring spacer adj grid)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/08/31 18:57
S90	4	grid adj spring near6 (stiffness stiff stiffer)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/08/31 18:58
S91	0	edge near4 (fuel adj rod spring) and (376/338.ccls. 376/339.ccls. 376/340.ccls. 376/341.ccls. 376/342.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/01 07:55
S92	3	edge with (fuel adj rod spring) and (376/338.ccls. 376/339.ccls. 376/340.ccls. 376/341.ccls. 376/342.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/01 07:53
S93	374	(376/338.ccls. 376/339.ccls. 376/340.ccls. 376/341.ccls. 376/342.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/01 07:55
S94	108	S93 and (periphery peripheral edge outer exterior)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/01 07:56
S95	27	S93 and (periphery peripheral edge outer exterior) and spring	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/01 07:57

S96	26	S93 and (periphery peripheral edge outer exterior) and spring and @ad<"20040206"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/01 08:10
S97	3	S93 and (spacer adj grid) and spring and @ad<"20040206"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/01 08:10
S98	10	S93 and (spacer adj grid fuel adj assembly fuel adj rod) and spring and @ad<"20040206"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/01 08:12
S99	16	S93 and (spacer adj grid fuel adj assembly fuel adj rod fuel adj element grid adj spring) and spring and @ad<"20040206"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/01 10:02
S100	3904	(spacer adj grid fuel adj assembly fuel adj rod fuel adj element grid adj spring) and spring and @ad<"20040206"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/01 10:02
S101	259	(spacer adj grid fuel adj assembly fuel adj rod fuel adj element grid adj spring) and spring near6 (constant stiffness strength) and @ad<"20040206"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/01 10:11
S102	211	(spacer adj grid fuel adj assembly fuel adj rod fuel adj element grid adj spring) and spring near6 (constant stiffness strength) and @ad<"20040206" and nuclear	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/01 10:28
S103	176	(spacer adj grid fuel adj assembly fuel adj rod fuel adj element grid adj spring) and spring near6 (constant stiffness strength) and @ad<"20040206" and nuclear and "376"/$7.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/01 11:27

S104	91	(spacer adj grid fuel adj assembly fuel adj rod fuel adj element grid adj spring) and spring near6 (constant stiffness strength) and @ad<"20040206" and nuclear and "376"/$7.ccls. and "34" and "38"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/01 11:44
S105	225	(spacer adj grid fuel adj assembly fuel adj rod fuel adj element grid adj spring) and (spring near6 (constant stiffness strength) or resilience) and @ad<"20040206" and nuclear and "376"/$7.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/01 11:46
S106	119	(spacer adj grid fuel adj assembly fuel adj rod fuel adj element grid adj spring) and (spring near6 (constant stiffness strength) or resilience) and @ad<"20040206" and nuclear and ("376"/33$1.ccls. 376/44$1.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/01 11:46
S107	114	(resilience stiffness strength constant) near6 spring and (376/43$1.ccls. 376/44$1.ccls.) and @ad<"20040206"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/01 17:38
S108	90	(resilience stiffness strength constant) near4 spring and (376/43$1.ccls. 376/44$1.ccls.) and @ad<"20040206"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/01 17:39
S109	21	(resilience stiffness strength constant) near4 spring.ti,ab,clm. and (376/43$1.ccls. 376/44$1.ccls.) and @ad<"20040206"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/01 17:48
S110	24	(resilience stiffness strength constant) near6 spring.ti,ab,clm. and (376/43$1.ccls. 376/44$1.ccls.) and @ad<"20040206"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/01 17:48
S111	3	((resilience stiffness strength constant) near6 spring.ti,ab,clm. and (376/43$1.ccls. 376/44$1.ccls.) and @ad<"20040206") not S109	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/01 20:15

S112	2	"5303276".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/01 20:59
S113	2	("6,526,116").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/01 20:59
S114	50	(376/33$1.ccls. 376/44$1.ccls.) and swirl$3 same vane	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/01 21:04
S115	1	(US-20050105677-$).did.	US-PGPUB	OR	OFF	2006/09/01 21:16
S116	1	(US-20050105677-$).did. and guide near20 center	US-PGPUB	OR	OFF	2006/09/01 21:18
S117	2	(US-20050105677-$).did. and guide adj tube	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/01 21:18
S118	502	guide adj tube and (376/43$1.ccls. 376/44$1.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/01 21:19
S119	5	guide adj tube near4 (vane tap) and (376/43$1.ccls. 376/44$1.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/01 21:30

S120	28	guide near4 (vane tap) and (376/43$1.ccls. 376/44$1.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/01 21:43
S121	290	(dimple guide near4 (vane tap)) and (376/43$1.ccls. 376/44$1.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/01 21:43
S122	8	(dimple guide near4 (vane tap)) near10 swirl$3 and (376/43$1.ccls. 376/44$1. ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/01 21:54
S123	1	guide adj tap and yoon.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/01 21:55
S124	35	(guide adj tap dimple) and yoon.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/01 22:20
S125	1	(US-20050105677-$).did.	US-PGPUB	OR	OFF	2006/09/01 22:14
S126	1	S125 and guide adj tap and (bend bending bent) and (center centre)	US-PGPUB	OR	ON	2006/09/01 22:15
S127	22	(bent near10 center) and yoon.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/01 22:20

S128	4	(bent near10 center near10 (spacer adj grid)) and yoon.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/01 22:21
S129	72	(US-20050105677-$ or US-20050087758-$ or US-20050062134-$ or US-20030215049-$).did. or (US-6393087-$ or US-4224107-$ or US-6542567-$ or US-6236702-$ or US-5139736-$ or US-4396573-$ or US-6526116-$ or US-5666389-$ or US-6167105-$ or US-5303276-$ or US-4705663-$ or US-4879090-$ or US-4666663-$ or US-4683115-$ or US-6744843-$ or US-6744842-$ or US-6728329-$ or US-6707872-$ or US-6650723-$ or US-6522710-$ or US-6421407-$ or US-6310932-$ or US-6088420-$ or US-5875223-$ or US-6608881-$ or US-5740218-$).did. or (US-6519309-$ or US-6400788-$ or US-5638416-$ or US-5625657-$ or US-5577081-$ or US-6272197-$ or US-5546437-$ or US-6144716-$ or US-5493590-$ or US-5444748-$ or US-5434898-$ or US-5420902-$ or US-5371769-$ or US-5367549-$ or US-5440599-$ or US-5209899-$ or US-5363422-$ or US-5361288-$ or US-5188798-$ or US-5024807-$ or US-5035853-$ or US-4885127-$ or US-4489038-$ or US-4135972-$ or US-3886038-$ or US-6845138-$ or US-3787286-$).did. or (BE-850191-$ or KR-2001001422-$ or WO-9903108-$ or KR-99069102-$ or US-5139736-$ or EP-25395-$ or EP-696377-$ or DE-4438493-$ or KR-99052336-$ or WO-9901873-$ or GB-2272101-$ or EP-304724-$ or EP-184064-$ or DE-3334974-$ or DE-3330850-$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/09/01 23:30
S130	3	S129 and spring adj constant	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/09/01 23:32
S131	0	S129 and "each" near5 spring	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/09/01 23:33
S132	0	S129 and "each" near5 spring	US-PGPUB; USPAT; DERWENT	OR	ON	2006/09/01 23:33
S133	4	inner near6 outer near6 cell and 376/442.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/02 00:05
S134	6	inner near6 outer and spring near4 (constant stiffness strength) and 376/442.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/02 00:12

S135	33	spring near2 (constant stiffness strength) and 376/442.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/02 00:12
S136	14	spring near1 (constant stiffness strength) with (peripheral$2 outer inner inside outside) and "376"/$7.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/02 08:00
S137	4	spring near1 (constant stiffness strength) with edge and "376"/$7.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/02 08:01
S138	1	(US-20050105677-$).did.	US-PGPUB	OR	OFF	2006/09/02 09:16
S139	1	S138 and guide adj tap	US-PGPUB	OR	ON	2006/09/02 09:59
S140	1	(376/43$1.ccls. 376/44$1.ccls.) and zircaloy with spring near1 (constant strenth stiffness stiff)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/02 10:02
S141	48	(376/43$1.ccls. 376/44$1.ccls.) and spring near1 (constant strenth stiffness stiff)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/02 11:10
S142	2	"376"/$7.ccls. and spring near1 (constant strenth stiffness stiff) with (zircaloy zirconium)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/02 11:13

S143	128	"376"/$7.ccls. and spring with (zircaloy zirconium)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/02 11:13
S144	25	(US-5666389-$ or US-5139736-$ or US-6393087-$ or US-4224107-$ or US-6542567-$ or US-6526116-$ or US-5303276-$ or US-4879090-$ or US-4683115-$ or US-6167105-$ or US-4705663-$ or US-4666663-$).did. or (KR-2001001422-$ or BE-850191-$ or US-5139736-$ or WO-9903108-$ or EP-696377-$ or KR-99052336-$ or DE-4438493-$ or GB-2272101-$ or EP-304724-$ or DE-3334974-$ or DE-3330850-$ or WO-9901873-$ or EP-184064-$).did.	USPAT; DERWENT	OR	OFF	2006/09/02 11:19
S145	6	S144 and zircaloy	USPAT; DERWENT	OR	OFF	2006/09/02 11:21
S146	6	S144 and zircaloy and spring	USPAT; DERWENT	OR	ON	2006/09/02 12:01
S147	1	S144 and zircaloy with (neutron adj flux)	USPAT; DERWENT	OR	ON	2006/09/02 12:02
S148	1	S144 and zircaloy with (neutron adj (damage flux))	USPAT; DERWENT	OR	ON	2006/09/02 12:02
S149	1	S144 and zircaloy with (neutron adj (irradiation damage flux))	USPAT; DERWENT	OR	ON	2006/09/02 12:02
S150	4	S144 and zircaloy with (neutron)	USPAT; DERWENT	OR	ON	2006/09/02 12:10
S151	0	S144 and zircaloy with (neutron) with inconel	USPAT; DERWENT	OR	ON	2006/09/02 12:10
S152	2	S144 and zircaloy with (neutron) same inconel	USPAT; DERWENT	OR	ON	2006/09/02 13:49
S153	1406	((376/338) or (376/339) or (376/340) or (376/441) or (376/442) or (376/443) or (376/444) or (376/462)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/02 13:50
S154	9	S153 and spring and grid and conformal$2 and (interior exterior edge inner inside outside peripheral periphery peripherally corner)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/02 13:51

S155	9	S153 and spring and grid and conformal$2 and (interior exterior edge inner inside outside peripheral periphery peripherally corner)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/02 13:51
S156	2	"6393087".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/12 12:38
S157	1	(US-20050105677-$).did.	US-PGPUB	OR	OFF	2007/05/12 12:41
S158	1	(US-20050105677-$).did. and equiangular	US-PGPUB	OR	OFF	2007/05/12 13:57
S159	2	("4224107").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/12 14:39
S160	2	("6542567").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/12 14:43
S161	2	("6542567").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/12 15:45
S162	2594	((376/434) or (376/435) or (376/436) or (376/437) or (376/438) or (376/439) or (376/440) or (376/441) or (376/442) or (376/443) or (376/444) or (376/462)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/12 15:51
S163	40	S162 and spacer adj grid and fuel adj rod and guid$3 adj tube and spring and mixing near1 (blade vane)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/12 15:54

S164	1	((yoon near1 kyung-ho).in. (kang near1 heung-seok).in. (kim near1 hyung-kyu). in. (song near1 kee-nam).in. (jung near1 yeon-ho).in. (chun near1 tae-hyun).in. (oh near1 dong-seok).in. (in near1 wang-kee).in. kaeri.as.) and spacer adj grid. clm. and fuel adj rod.clm. and guid$3 adj tube.clm. and (elastic$4 spring).clm. and (mixing near3 (blade vane)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/12 16:00
S165	0	("9393087").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/22 09:25
S166	2	("6393087").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/22 09:52
S167	0	("3andrest").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/22 09:52
S168	0	S166 and rest	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/22 10:16
S169	28	"4224107"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/22 10:17
S170	2	"4224107".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/22 10:17
S171	2	("6393087").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/01 22:40

S172	2	("4224107").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/01 23:27
S173	0	("steelnear10zircaloynear10neutronadjfluxnear10(mechanicaladjstrength)").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/02 01:09
S174	0	steel near10 zircaloy near10 (neutron adj flux) near10 (mechanical adj strength)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/02 01:10
S175	2	steel near10 zircaloy near10 (neutron adj flux)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/02 01:10
S176	193	zircaloy and steel and spacer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/02 12:18
S177	44	zircaloy and steel and spacer and neutron near2 (cross adj section) and inner and outer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/02 12:19
S178	2	zircaloy near6 spacer and steel near6 spacer and neutron near2 (cross adj section) and inner and outer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/02 12:20

S179	2	zircaloy near6 spacer near6 steel and neutron near2 (cross adj section) and inner and outer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/02 12:24
S180	2	zircaloy near12 spacer near12 steel and neutron near2 (cross adj section) and inner and outer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/02 12:24
S181	9	zircaloy near12 spacer near12 inconel and inner and outer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/02 12:47
S182	2	"6542567".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/02 12:54
S183	1079	((376/434) or (376/444) or (376/462)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/02 15:30
S184	6	S183 and grid near4 spring and (outside perimeter) near4 spring and (equiangular conformal elastic pressing)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/02 15:32
S185	4	S183 and grid near4 spring and (outside perimeter) near4 spring and (equiangular conformal elastic pressing) and mixing near4 (blade vane)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/02 15:33

S186	0	S183 and grid near4 spring.clm. and (outside perimeter) near4 spring.clm. and (equiangular conformal elastic pressing).clm. and mixing near4 (blade vane).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/02 15:35
S187	1	(US-20050105677-$).did.	US-PGPUB	OR	ON	2008/06/17 14:43
S188	0	S187 and rest	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/17 14:43
S189	2	("6393087").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/17 14:44
S190	2	("4224107").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/17 14:46
S191	2	("6236702").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/17 14:47
S192	1	(US-20050105677-$).did. and differen$2 and structure	US-PGPUB	OR	ON	2008/06/17 15:06
S193	0	(US-20050105677-$).did. and differen$2 and structure and vertical adj support and inner adj support	US-PGPUB	OR	ON	2008/06/17 15:07
S194	0	(US-20050105677-$).did. and differen$2 and structure and inner adj support	US-PGPUB	OR	ON	2008/06/17 15:08
S195	1	(US-20050105677-$).did. and differen$2 and structure and inner	US-PGPUB	OR	ON	2008/06/17 15:08

S196	1	(US-20050105677-$).did. and differen$2 and structure and inner and support	US-PGPUB	OR	ON	2008/06/17 15:10
S197	2	("6542567").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/17 15:38
S198	1	(US-20050105677-$).did.	US-PGPUB	OR	ON	2008/10/28 15:52
S199	1	(US-20050105677-$).did.	US-PGPUB	OR	ON	2008/10/28 15:52
S200	0	S199 and vertical adj support and inner adj support and geometry and shape and spring adj contact	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/28 15:54
S201	0	S199 and inner adj support and geometry and shape and spring adj contact	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/28 15:54
S202	0	S199 and geometry and shape and spring adj contact	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/28 15:55
S203	0	S199 and inner and vertical and geometry and shape and spring adj contact	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/28 15:55

S204	0	S199 and vertical adj support and inner adj support and shape and spring adj contact	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/28 15:58
S205	0	S199 and vertical adj support and inner adj support and spring adj contact	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/28 15:58
S206	0	S199 and vertical adj support and inner adj support	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/28 15:58
S207	1	S199 and equiangular	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/28 16:16
S208	1	S199 and (inner grid springs)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/28 16:17
S209	5	grid adj springs near10 inner near10 (peripehral outer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/28 16:25
S210	1	grid adj springs near10 inner near10 (peripehral outer) and "376"/$7.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/28 16:26

S211	1	grid adj springs near10 inner near10 (peripheral outer) and "376"/$7.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/28 16:27
S212	106	grid adj springs and "376"/$7.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/28 16:27
S213	90	grid adj springs and "376"/$7.ccls. and @ad< "20031008"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/28 16:28
S214	49	grid adj springs and "376"/$7.ccls. and @ad< "20031008" and (inner interior) and (outer exterior peripheral)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/28 17:37
S215	4	grid adj springs and "376"/$7.ccls. and @ad< "20031008" and (inner interior) and (outer exterior peripheral) and spring adj constant	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/28 18:56
S216	4	S215 and grid adj springs and spring adj constant	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/28 19:12
S217	4	S216 and grid adj springs and spring adj constant	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/28 19:13

S218	40	(grid adj (spring springs) springs spring) near10 (spring adj constant) and (nuclear adj2 assembly "376"/$7.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/29 10:04
S219	1	(US-20050105677-$).did.	US-PGPUB	OR	ON	2008/10/29 10:23
S220	0	S219 and (bowing anti-bowing)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/29 10:23
S221	4	(("6393087") or ("4224107")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/29 10:24
S222	0	S221 and (bowing anti$1bowing)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/29 10:25
S223	5	("4897241").URPN.	USPAT	OR	ON	2008/10/29 11:01
S224	2	("6393087").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/29 16:48
S225	2	("4224107").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/29 16:49

S226	32	(anti$1bowing bowing) and (stiff spring adj constant) and nuclear adj2 (fuel assembly)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/29 19:35
S227	17	(anti$1bowing bowing) and (stiff spring adj constant) and nuclear adj2 (fuel assembly) and @ad<"20030206"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/29 19:36
S228	17	(anti$1bowing bowing) and (stiff spring adj constant) and nuclear adj2 (fuel assembly) and (peripheral outer exterior) and @ad<"20030206"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/29 19:38
S229	14	(anti$1bowing bowing) and (stiff spring adj constant) and nuclear adj2 (fuel assembly) and (peripheral outer exterior) and (inner interior) and @ad<"20030206"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/29 19:38
S230	2	("6393087").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/29 19:54
S231	2923	((376/434) or (376/435) or (376/436) or (376/437) or (376/438) or (376/439) or (376/440) or (376/441) or (376/442) or (376/443) or (376/444) or (376/462)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/29 20:32
S232	2830	S231 and @pd<"20040206"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/29 20:33

S233	50	S231 and @pd< "20040206" and (peripheral periphery outer exterior outisde) near10 spring near10 (inner interior inside)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/29 20:35
S234	0	((yoon near1 kyung-ho).in. (kang near1 heung-seok).in. (kim near1 hyung-kyu).in. (song near1 kee-nam).in. (jung near1 yeon-ho).in. (chun near1 tae-hyun).in. (oh near1 dong-seok).in. (wang-kee).in. (korea adj atomic adj energy adj research adj institute kaeri).as.) and @pd< "20040206" and (peripheral periphery outer exterior outisde) near10 spring near10 (inner interior inside)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/29 20:42
S235	4	((yoon near1 kyung-ho).in. (kang near1 heung-seok).in. (kim near1 hyung-kyu).in. (song near1 kee-nam).in. (jung near1 yeon-ho).in. (chun near1 tae-hyun).in. (oh near1 dong-seok).in. (wang-kee).in. (korea adj atomic adj energy adj research adj institute kaeri).as.) and @pd< "20040206" and fuel adj assembly.clm. and guide adj (rod tube).clm. and fuel (element rod).clm. and grid.clm. and spring.clm. and (aperture opening).clm. and (equiangular conformal).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/29 20:45
S236	2	((yoon near1 kyung-ho).in. (kang near1 heung-seok).in. (kim near1 hyung-kyu).in. (song near1 kee-nam).in. (jung near1 yeon-ho).in. (chun near1 tae-hyun).in. (oh near1 dong-seok).in. (wang-kee).in. (korea adj atomic adj energy adj research adj institute kaeri).as.) and @pd< "20040206" and fuel adj assembly.clm. and guide adj (rod tube).clm. and fuel (element rod).clm. and grid.clm. and spring.clm. and (aperture opening).clm. and (equiangular conformal).clm. and (inner interior inside).clm. and (outer exterior outside peripher$2).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/29 20:48
S237	0	((yoon near1 kyung-ho).in. (kang near1 heung-seok).in. (kim near1 hyung-kyu).in. (song near1 kee-nam).in. (jung near1 yeon-ho).in. (chun near1 tae-hyun).in. (oh near1 dong-seok).in. (wang-kee).in. (korea adj atomic adj energy adj research adj institute kaeri).as.) and @pd< "20040206" and fuel adj assembly.clm. and guide adj (rod tube).clm. and fuel (element rod).clm. and grid.clm. and spring.clm. and (aperture opening).clm. and (equiangular conformal).clm. and (inner interior inside).clm. and (outer exterior outside peripher$2).clm. and (middle intermediate third).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/29 20:50
S238	2	((yoon near1 kyung-ho).in. (kang near1 heung-seok).in. (kim near1 hyung-kyu).in. (song near1 kee-nam).in. (jung near1 yeon-ho).in. (chun near1 tae-hyun).in. (oh near1 dong-seok).in. (wang-kee).in. (korea adj atomic adj energy adj research adj institute kaeri).as.) and @pd< "20040206" and fuel adj assembly.clm. and guide adj (rod tube).clm. and fuel (element rod).clm. and grid.clm. and spring.clm. and (aperture opening).clm. and (equiangular conformal).clm. and (inner interior inside).clm. and (outer exterior outside peripher$2).clm. and grid near3 spring.clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/29 20:50

S239	2	((yoon near1 kyung-ho).in. (kang near1 heung-seok).in. (kim near1 hyung-kyu).in. (song near1 kee-nam).in. (jung near1 yeon-ho).in. (chun near1 tae-hyun).in. (oh near1 dong-seok).in. (wang-kee).in. (korea adj atomic adj energy adj research adj institute kaeri).as.) and @pd<"20040206" and fuel adj assembly.clm. and guide adj (rod tube).clm. and fuel (element rod).clm. and grid.clm. and spring.clm. and (aperture opening).clm. and (equiangular conformal).clm. and (inner interior inside).clm. and (outer exterior outside peripher$2).clm. and grid near3 spring.clm. and contact near3 surface.clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/29 20:51
S240	2	((yoon near1 kyung-ho).in. (kang near1 heung-seok).in. (kim near1 hyung-kyu).in. (song near1 kee-nam).in. (jung near1 yeon-ho).in. (chun near1 tae-hyun).in. (oh near1 dong-seok).in. (wang-kee).in. (korea adj atomic adj energy adj research adj institute kaeri).as.) and @pd<"20040206" and fuel adj assembly.clm. and guide adj (rod tube).clm. and fuel (element rod).clm. and grid.clm. and spring.clm. and (aperture opening).clm. and (equiangular conformal).clm. and (inner interior inside).clm. and (outer exterior outside peripher$2).clm. and grid near3 spring.clm. and contact near3 surface.clm. and structure.clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/29 20:51
S241	2	((yoon near1 kyung-ho).in. (kang near1 heung-seok).in. (kim near1 hyung-kyu).in. (song near1 kee-nam).in. (jung near1 yeon-ho).in. (chun near1 tae-hyun).in. (oh near1 dong-seok).in. (wang-kee).in. (korea adj atomic adj energy adj research adj institute kaeri).as.) and @pd<"20040206" and fuel adj assembly.clm. and guide adj (rod tube).clm. and fuel (element rod).clm. and grid.clm. and spring.clm. and (aperture opening).clm. and (equiangular conformal).clm. and (inner interior inside).clm. and (outer exterior outside peripher$2).clm. and grid near3 spring.clm. and contact near3 surface.clm. and structure.clm. and (strip zone ribbon).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/29 20:52
S242	2	((yoon near1 kyung-ho).in. (kang near1 heung-seok).in. (kim near1 hyung-kyu).in. (song near1 kee-nam).in. (jung near1 yeon-ho).in. (chun near1 tae-hyun).in. (oh near1 dong-seok).in. (wang-kee).in. (korea adj atomic adj energy adj research adj institute kaeri).as.) and @pd<"20040206" and fuel adj assembly.clm. and guide adj (rod tube).clm. and fuel (element rod).clm. and grid.clm. and spring.clm. and (aperture opening).clm. and (equiangular conformal).clm. and (inner interior inside).clm. and (outer exterior outside peripher$2).clm. and grid near3 spring.clm. and contact near3 surface.clm. and structure.clm. and (strip zone ribbon).clm. and edge.clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/29 20:52
S243	2	((yoon near1 kyung-ho).in. (kang near1 heung-seok).in. (kim near1 hyung-kyu).in. (song near1 kee-nam).in. (jung near1 yeon-ho).in. (chun near1 tae-hyun).in. (oh near1 dong-seok).in. (wang-kee).in. (korea adj atomic adj energy adj research adj institute kaeri).as.) and @pd<"20040206" and fuel adj assembly.clm. and guide adj (rod tube).clm. and fuel (element rod).clm. and grid.clm. and spring.clm. and (aperture opening).clm. and (equiangular conformal).clm. and (inner interior inside).clm. and (outer exterior outside peripher$2).clm. and grid near3 spring.clm. and contact near3 surface.clm. and structure.clm. and (strip zone ribbon).clm. and edge.clm. and support.clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/29 20:53

S244	0	((yoon near1 kyung-ho).in. (kang near1 heung-seok).in. (kim near1 hyung-kyu). in. (song near1 kee-nam).in. (jung near1 yeon-ho).in. (chun near1 tae-hyun).in. (oh near1 dong-seok).in. (wang-kee).in. (korea adj atomic adj energy adj research adj institute kaeri).as.) and @pd<"20040206" and fuel adj assembly. clm. and guide adj (rod tube).clm. and fuel (element rod).clm. and grid.clm. and spring.clm. and (aperture opening).clm. and (equiangular conformal).clm. and (inner interior inside).clm. and (outer exterior outside peripher$2).clm. and grid near3 spring.clm. and contact near3 surface.clm. and structure.clm. and (strip zone ribbon).clm. and edge.clm. and support.clm. and corner near2 cell.clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/29 20:54
S245	1	(US-20050105677-$).did.	US-PGPUB	OR	ON	2009/01/21 15:21
S246	7	(("6393087") or ("6542567") or ("3966550")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/21 15:27
S247	4	(("6393087") or ("4897241")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/23 13:26
S248	1	(US-20050105677-$).did.	US-PGPUB	OR	ON	2009/01/23 13:28
S249	0	(US-20050105677-$).did. and vertical adj support and inner adj support	US-PGPUB	OR	ON	2009/01/23 13:28
S250	1	(US-20050105677-$).did. and vertical adj support and inner	US-PGPUB	OR	ON	2009/01/23 13:30
S251	1	(US-20050105677-$).did. and vertical adj support and inner near6 support	US-PGPUB	OR	ON	2009/01/23 13:30
S252	1	S247 and perimeter adj plate and plate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/23 13:47

S254	1	spring adj tabs near4 (types kinds distinct various different) and fuel adj rod	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/23 14:33
S255	3	(arch spring adj tab) near4 (types kinds distinct various different) and fuel adj rod	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/23 14:34
S256	0	(arch spring adj tab) near10 (inner) near10 (outer peripheral) and fuel adj rod	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/23 14:38
S257	108	(arch spring adj tab spring) near10 (inner) near10 (outer peripheral) and fuel adj rod	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/23 14:38
S258	6	"773733".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/23 16:11
S259	2	("4897241").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/23 16:17
S260	1	(US-20050105677-$).did.	US-PGPUB	OR	ON	2009/01/26 21:43

S261	0	("3andinnerandsupport").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/26 21:43
S262	1	S260 and inner and support	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/26 21:43
S263	2506	inner adj spring and (outer peripheral) adj spring	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/26 21:47
S264	1	inner adj spring and (outer peripheral) adj spring and spacer and fuel adj assembly	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/26 21:47
S265	1	(inner interior) adj spring and (outer peripheral) adj spring and spacer and fuel adj assembly	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/26 21:51
S266	1	(inner interior inside) near2 spring and (outer peripheral) adj spring and spacer and fuel adj assembly	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/26 21:52
S267	5	(inner interior inside) near2 spring and (outer peripheral) adj spring and (spacer grid) and fuel adj assembly	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/26 21:53

S268	1	(inner interior) adj spring and (outer peripheral) adj spring and spacer and fuel adj assembly	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/17 15:39
S269	1	S268 and inner adj spring and outer adj spring	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/17 15:39
S270	2	(US-5303272-$).did. or (JP-05126984-$).did.	USPAT; JPO	OR	ON	2009/02/17 15:40
S271	2	S270 and inner and outer	USPAT; JPO	OR	ON	2009/02/17 15:41
S272	1	(US-20050105677-$).did.	US-PGPUB	OR	ON	2009/02/18 19:45
S273	4	(("4659542") or ("6707872")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/18 19:47
S274	2	("6,393,087").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/19 08:37
S275	661	376/442.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/19 08:40

S276	8	376/442.ccls. and conformal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/19 08:40
S277	194	376/442.ccls. and opening	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/19 09:41
S278	2	("6,393,087").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/19 12:22

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